Summer Homework

1. Know the Environmental laws and acronyms found at [here](http://home.lcusd.net/lchs/mewoldsen/ReviewSheets-Enviroment&Society.htm) and [here](http://www.brookscole.com/cgi-wadsworth/course_products_wp.pl?fid=M20b&discipline_number=22&product_isbn_issn=0534397980). Practice quizzing yourself using this [site](http://www.quia.com/cb/110617.html). This will be on your test the second week of school.
2. Watch the video “[Home](http://www.youtube.com/user/homeproject?blend=1&ob=4)” on Youtube.com and answer the questions on the [worksheet](http://home.lcusd.net/lchs/mewoldsen/APES/HomesWS.doc). It is best to type your answers and save the file periodically while you work. When you finish, add your last name to the file’s title and email it to [kpjohnson@philasd.org](mailto:kpjohnson@philasd.org) by **September 1st!!**

Summer Test\* **(Due the first day of school)**

The Summer Test is due Tuesday, September 7th and is worth a total of 90 points. That’s roughly the same as a large test, so please take the time to start off the year with an easy A!!

1. Read and take notes on the “[Energy primer](http://apcentral.collegeboard.com/apc/members/courses/teachers_corner/49184.html)”. Answer all nine “Practice Questions” and submit your work with your notes. Make sure to write down the givens, unknowns, and all your work. Put a neat **box around your final answer** and **include units**!! (20 points)
   1. **Note these typos**:
      1. Top of page 3: “1055 J” should be “1055 J”
      2. Answer key to #4b: 12.6%
      3. Answer key to #5b: 4.7%
      4. Answer key to #8: 103 should be 10-3
2. Articles
   1. Write a 1-**paragraph** summary of Hardin’s (1974) argument. Next, write a 1-**page** editorial explaining whether you agree or disagree AND EXPLAIN WHY. Support your opinion with reasons. I am not looking for you to have a certain opinion, but rather that you can support your opinion logically. Garrett Hardin’s [Lifeboat Ethics](http://www.garretthardinsociety.org/articles/art_lifeboat_ethics_case_against_helping_poor.html). (20 points)
   2. Investigate THREE topics of your choice relevant to the study of Environmental Science. In doing so, please find an article about each topic, write a 1-paragraph summary **and** a 1-paragraph opinion/reaction for it, and include a link to the article in your typed paper (double-spaced, 12 point font, 1 to 1.5 inch margins). You are expected to spend about an hour on each topic. (10 points each = 30 points)

Please keep in mind the position of the author, and address any source of bias on his or her part. You may choose a blog or company website, but then the issue of bias is of greater importance. Wikipedia pages are not appropriate for this. Other good sources include NPR, The New York Times, The Economist, National Geographic, etc.

*Possible topics include:*

- Species Conservation  
- Availability of drinking water  
- Water Pollution  
- Air Pollution

- Agriculture  
- Mining  
- Nonrenewable Energy  
- Climate Change  
- Environmental Legislation  
- Human Health